

## OAT

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 48kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human OAT

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

OKT; GACR; HOGA; OATASE;

**Catalog #:** A6235

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 4942

**Isotype:** IgG

**Swiss Prot:** P04181

**Purity:** Affinity purification

For research use only.

**Background:**

This gene encodes the mitochondrial enzyme ornithine aminotransferase, which is a key enzyme in the pathway that converts arginine and ornithine into the major excitatory and inhibitory neurotransmitters glutamate and GABA. Mutations that result in a deficiency of this enzyme cause the autosomal recessive eye disease Gyrate Atrophy. Alternatively spliced transcript variants encoding different isoforms have been described. Related pseudogenes have been defined on the X chromosome.

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